

Spagic Process Logger

- **What is it?**

A new Logger for the Spagic Service Manager.

- **Why has it been made?**

To allow users to log on distinct files, depending on process instance ID.

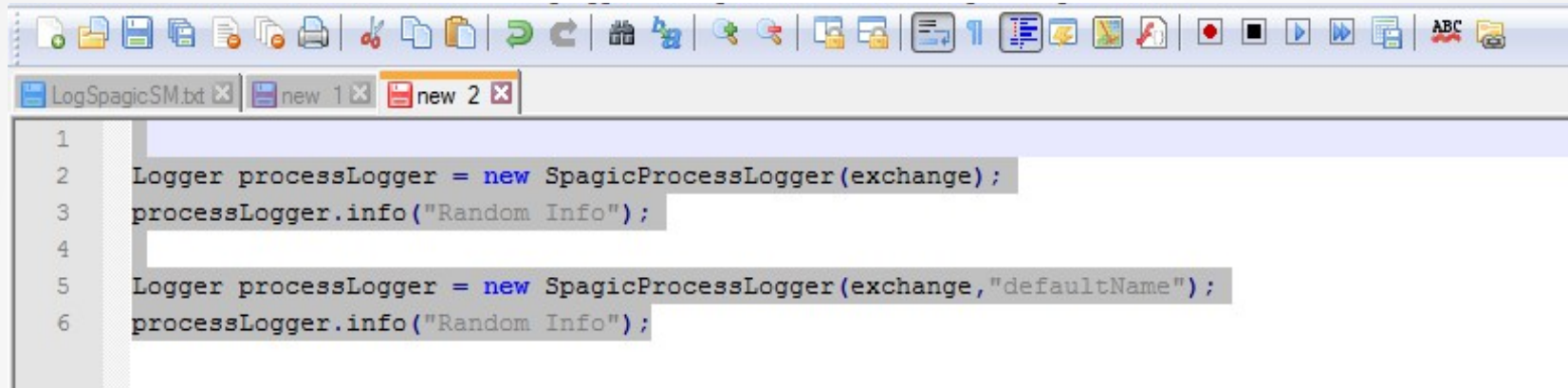
- **How does it work?**

By default, it logs every message received by a service. Going down from “ERROR” to “DEBUG” level it will give you more informations about variables and XML_MESSAGE.

logback.xml

```
LogSpagicSM.txt new 1 x
1 <configuration debug="false" scan="true">
2   <property scope="context" name="PROCESS_LOG_HOME" value="processLogs" />
3
4   <appender name="PROCESS_LOGGER" class="ch.qos.logback.classic.sift.SpagicSiftAppender">
5     <!-- We will assign a value to 'processLogName' via Java code, DO NOT EDIT THIS KEY -->
6     <discriminator>
7       <key>processLogName</key>
8       <defaultValue>defaultLog</defaultValue>
9     </discriminator>
10
11     <sift>
12       <!-- A standard RollingFileAppender, the log file is based on 'logFileName' at runtime -->
13       <appender name="PROCESS-LOGGER-${processLogName}" class="ch.qos.logback.core.rolling.RollingFileAppender">
14         <file>${spagic.home}/${PROCESS_LOG_HOME}/${processLogName}.log</file>
15
16         <encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
17           <Pattern>
18             %d{yyyy-MM-dd HH:mm:ss} %-5level - %msg%n
19           </Pattern>
20         </encoder>
21
22         <rollingPolicy class="ch.qos.logback.core.rolling.TimeBasedRollingPolicy">
23           <FileNamePattern>${PROCESS_LOG_HOME}/${processLogName}%d.log</FileNamePattern>
24           <MaxHistory>7</MaxHistory>
25         </rollingPolicy>
26       </appender>
27     </sift>
28   </appender>
29
30   <logger name="org.eclipse.ebpm.core.spagicprocesslogger" level="OFF" additivity="false">
31     <appender-ref ref="PROCESS_LOGGER" />
32   </logger>
33
```

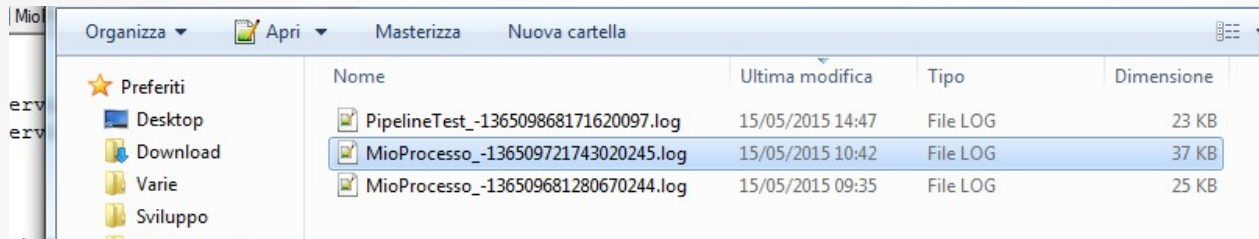
Usage within Custom Components or Groovy


A screenshot of an IDE window showing a Groovy script. The window has a title bar with icons for file operations and a tab bar with three tabs: 'LogSpagicSM.txt', 'new 1', and 'new 2'. The code is as follows:




```
1  
2  Logger processLogger = new SpagicProcessLogger(exchange);  
3  processLogger.info("Random Info");  
4  
5  Logger processLogger = new SpagicProcessLogger(exchange, "defaultName");  
6  processLogger.info("Random Info");
```

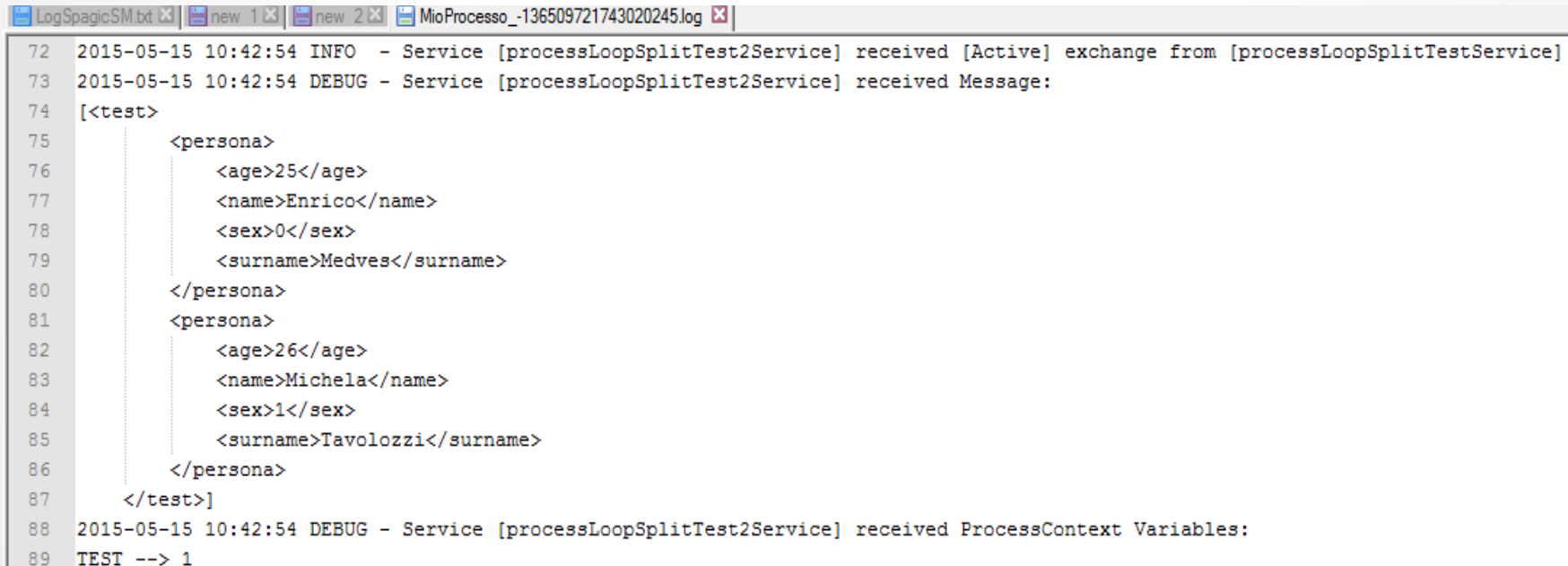
The SpagicProcessLogger constructor will extract the process instance ID from the exchange and set the discriminator required by the SiftingAppender.

Log result example



Organizza ▼ |  Apri ▼ | Masterizza | Nuova cartella

	Nome	Ultima modifica	Tipo	Dimensione
★ Preferiti	 PipelineTest_-136509868171620097.log	15/05/2015 14:47	File LOG	23 KB
Desktop	 MioProcesso_-136509721743020245.log	15/05/2015 10:42	File LOG	37 KB
Download				
Varie	 MioProcesso_-136509681280670244.log	15/05/2015 09:35	File LOG	25 KB
Sviluppo				



LogSpagicSM.bt x | new 1 x | new 2 x | MioProcesso_-136509721743020245.log x

```
72 2015-05-15 10:42:54 INFO - Service [processLoopSplitTest2Service] received [Active] exchange from [processLoopSplitTestService]
73 2015-05-15 10:42:54 DEBUG - Service [processLoopSplitTest2Service] received Message:
74 [<test>
75     <persona>
76         <age>25</age>
77         <name>Enrico</name>
78         <sex>0</sex>
79         <surname>Medves</surname>
80     </persona>
81     <persona>
82         <age>26</age>
83         <name>Michela</name>
84         <sex>1</sex>
85         <surname>Tavolozzi</surname>
86     </persona>
87 </test>]
88 2015-05-15 10:42:54 DEBUG - Service [processLoopSplitTest2Service] received ProcessContext Variables:
89 TEST --> 1
```